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🔍 Title: **JP7272702A2: MANUFACTURE OF RING-SHAPED GASKET OF MANGANESE DRY BATTERY**

🔍 Derwent Title: Annular packing for manganese dry element battery - involves impregnating of paper material by water repellent substance consisting of mixture of polybutene, paraffin wax and polyethylene and dried by annular packing ([Derwent Record](#))

🔍 Country: **JP Japan**

🔍 Kind: **A**

🔍 Inventor: **SUZUKI YUKIFUMI;
MURATA CHIIHIRO;
MURAKOSHI MITSUO;
IZUMI AKIHIDE;
NISHIO MASATAKE;**

🔍 Assignee: **FUJI ELELCTROCHEM CO LTD**
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🔍 Published / Filed: **1995-10-20 / 1994-03-30**

🔍 Application Number: **JP1994000061135**

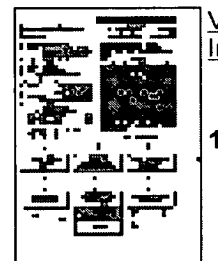
🔍 IPC Code: **H01M 2/08;**

🔍 Priority Number: **1994-03-30 JP1994000061135**

🔍 Abstract: **PURPOSE:** To enhance electrolyte leakage resistance of a manganese dry battery.

CONSTITUTION: A negative terminal plate 10 and a ring-shaped gasket 11 are arranged in order on the bottom of a cylindrical zinc can 1 with bottom, and the outer circumference of the zinc can 1 is covered with a heat shrinkable resin tube 9 so that the gasket 11 is covered with the circumferential edge of the tube 9, and an outer jacket 12 is fitted to the outer circumference of the tube 9 so that the end of the outer jacket 2 fastens the terminal plate 10 and the gasket 11 through the tube 9. The ring-shaped gasket 11 is manufactured in such a way that a paper material whose density is 0.5-0.6g/cm³ and air permeability is 6-10 seconds is dried until the moisture content becomes 4% or less, then this paper material is impregnated with water repellent material of a mixture of polybutene, paraffine wax, and polyethylene so that the impregnated content becomes 40-wt.% or more. Since the impregnated content of the water repellent material is 40wt.% or more, the electrolyte leakage resistance of a manganese dry battery is surely maintained.


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Family: None

Forward References: **Go to Result Set:** [Forward references \(1\)](#)

PDF	Patent	Pub.Date	Inventor	Assignee	Title
	US6586912	2003-07-01	Tsukamoto; Hisashi	Quallion LLC	Method and apparatus for amplitude limiting battery temperature spikes

Other Abstract Info: DERABS C96-002616 DERC96-002616

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PATENT ABSTRACTS OF JAPAN(21) Application number: **06061135**(51) Intl. Cl.: **H01M 2/08**(22) Application date: **30.03.94**

(30) Priority:

(43) Date of application publication: **20.10.95**

(84) Designated contracting states:

(71) Applicant: **FUJI ELELCTROCHEM CO L**(72) Inventor: **SUZUKI YUKIFUMI
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NISHIO MASATAKE**

(74) Representative:

**(54) MANUFACTURE OF
RING-SHAPED GASKET OF
MANGANESE DRY
BATTERY**

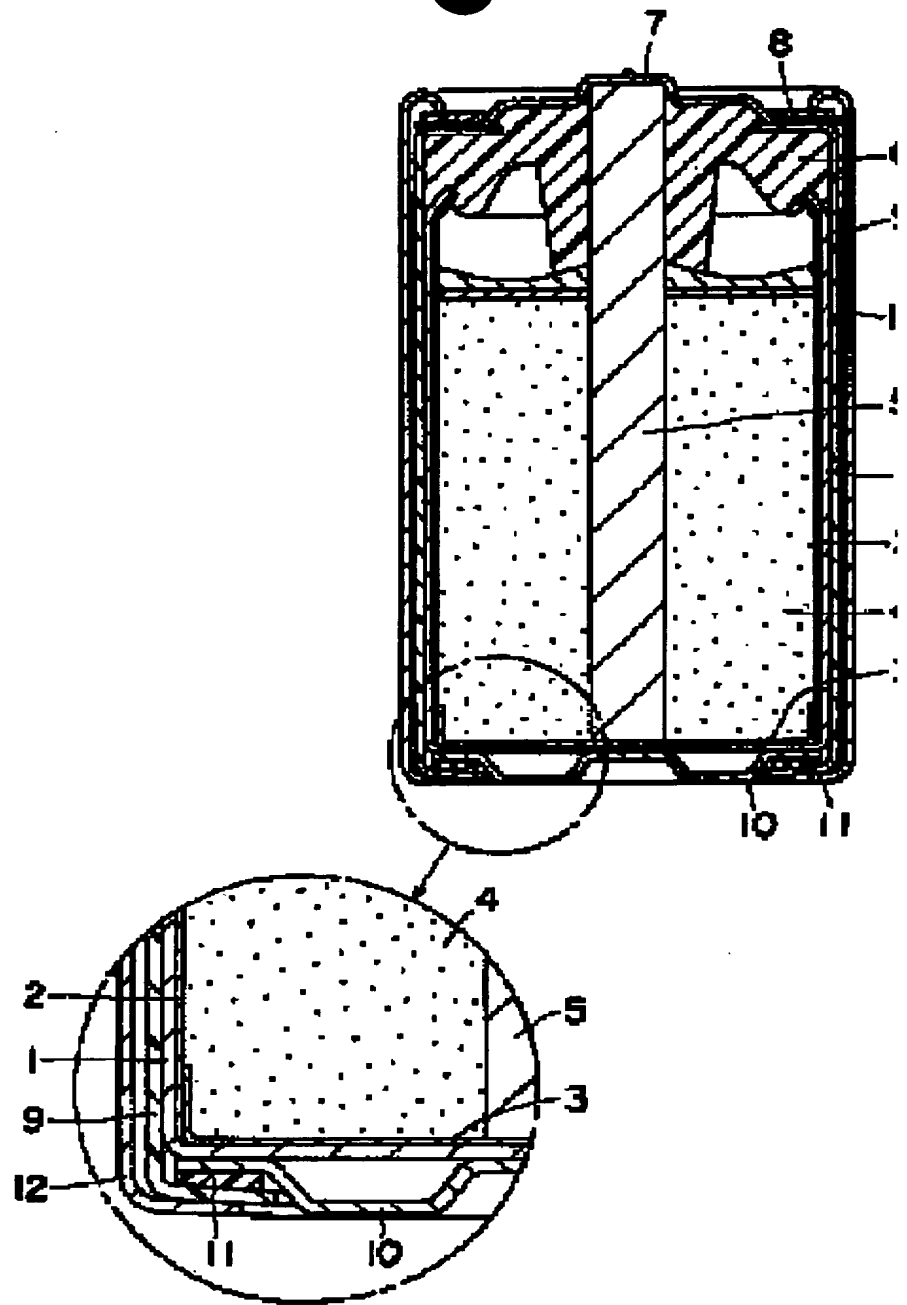
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